

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F16L11/127

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16L E05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 963 856 A (CARLSON LENNART L ET AL) 15 June 1976 (1976-06-15)	1-3, 11-13, 15, 26
Y	abstract; claims 1-4; figures 1-5 column 1, line 57 - column 2, line 17 column 3, line 65 - column 4, line 34 -----	4, 5, 14, 20-22
X	GB 1 596 242 A (SUPPERFLEXIT SOC) 19 August 1981 (1981-08-19)	1-3, 6, 8-13, 15, 17-19, 26
Y	figures 1, 2 page 2, line 39 - line 68 ----- -/--	7, 16

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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& document member of the same patent family

Date of the actual completion of the international search

2 November 2004

Date of mailing of the international search report

09/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	WO 99/45305 A (POLLACK RICHARD STEPHEN ;BOCHE CRAIG STEVEN (US); GOODYEAR TIRE & 10 September 1999 (1999-09-10) abstract; figures 6-9 page 6, line 15 - page 8, line 12 -----	1
Y	GB 1 041 255 A (ATLAS COPCO AB) 1 September 1966 (1966-09-01) cited in the application page 2, line 3 - line 51 page 3, line 70 - line 72 -----	4,5,14
Y	US 3 070 132 A (SHERIDAN DAVID S) 25 December 1962 (1962-12-25) column 3, line 1 - line 55; figure 2 -----	7,16, 20-22

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